



The

GARzette



The Official Newsletter of the Gwinnett Amateur Radio Society

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www.GARS.org



GARS January Exhibition of the
Technical aspects of Amateur Radio
Held at the Gwinnett County Fairgrounds



**Don't forget to support our
advertisers at the back of the
GARzette.**

**GARS Meeting: Favorite Ham Radio and Related Websites
Tuesday September 12, 2023 at 7:00 PM**



President's Message

From the President...



The Stone Mountain Ham Fest will be upon us before you know it. Eight weeks in fact. But, to get everything executed and plans to go smoothly, we need good volunteers and volunteers early enough to keep the planners from stressing out.

And the folks here at GARS are the best. Please sign up for some short stints and simple tasks, using the below link, or see gars.org and find the sign-up link to do just that.

Hamfest signup link:

https://docs.google.com/spreadsheets/d/1puFpxwJzAoM4ecba_buDpAuAbckR7GCFxGL7Yjv37xA/edit#gid=548602171

GARS Lifetime Membership – Our GARS lifetime membership fee has remained at the current level for at least 30 years. I was reviewing this and I wanted to propose a slight change. Since we cannot just change the lifetime membership pricing on a whim due to the pricing being a part of our bylaws, we are required to go through a process of changing the bylaws. My proposal was to introduce a new Senior Lifetime Membership discount. The Bylaw change was published in the newsletter and brought to a vote at the meeting where it overwhelmingly was passed by the membership.

The Proposed change of granting a Senior (65 years of age or older), a discount for Lifetime Membership for \$150 is now available to those who qualify. See our membership section for this new discount.

<https://www.gars.org/gars/membership/>.

GARS TECHNICIAN LICENSE HAM CRAM CLASS

I cannot promote this class enough as the instructors for this are top notch and have a great success rate. Pre-registration is required, so sign up early before the class fills up. Get your registration in, pay your fee, get your lunch, take and pass your test and become a licensed Amateur Radio Operator.

I'd like to thank Jolie Dellaneve-Brown,



K04AHI for her assistance with the door prize awards at the August General meeting. Jolie is our resident personalized items creator for GARS. See her ad here in this newsletter. She, with her Grandparents have participated in numerous GARS activities and events and we should look forward to seeing more good things from this young lady.

73,

Joe Biddle, AD4PZ

Club President

GARS Repeaters and Other Communications

<u>2 Meter Repeaters</u> 147.075(+) MHz Tone 82.5 147.255(+) MHz Tone 107.2 <u>1.25 Meter Repeater</u> 224.580(-) MHz Tone 100.0, 1.6 MHz Offset <u>70 Cm Repeaters</u> 444.525(+) MHz Tone 82.5 442.100(+) MHz Tone 100 442.325(+) MHz Tone 100	<u>6 Meter Repeater</u> 53.110 (-1 MHz) No Tone (Offline for Maintenance) Other Resources: <u>APRS</u> 144.390 -- 1200 Baud W4GR <u>D-STAR (WD4STR)</u> 145.060 + (1.4 MHz) 440.550 + (5 MHz)	6M Currently down 147.075 Operational in Snellville 147.255 Operational in Snellville 224.580 Operational in Grayson 442.100 Operational at Goshen Springs 442.325 Operational in Buford 444.525 Operational in Snellville Link remote receivers being added
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Notable Web Links

Ham Radio Glossary: <https://noji.com/hamradio/glossary.php> a very comprehensive listing provided by Noji Ratzlaff KNØJI. On his site there is also a lot of information about getting started in ham radio.

Need Help – Let GARS Elmers answer your questions

Send an email to elmers@gars.org with the subject listing the area (like Antennas, Repeaters, Digital, DMR etc.) of your query to get to GARS Elmer volunteers.

About the GARzette

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the Amateur Radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by e-mail to editor@gars.org. Artwork can be accepted in most any graphics format and can be submitted via e-mail to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the Amateur Radio spirit, permission is hereby granted for the reproduction of The *GARzette* articles by other Amateur Radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

The GARzette is published each month with the assistance of Karen KI4HPP and Kyle W4KDA who print copies for distribution at meetings, etc. and Dave Bruse, W4DTR, who distributes the newsletter electronically.

Deadline for submissions is the 28th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org> [PS— Articles to publish in the *GARzette*, either written by GARS members or published elsewhere, are always welcome. —Ed.]

Newsletter Email: editor@gars.org Editor: Bob Hoffmann, K4CQO

GARS Personalized Mugs for sale – Bits Print and Press



**Jolie
Dellaneve-
Brown,
KO4AHI**



<mailto:bitsprintandpress@gmail.com>

GARS Meetings & Workshops

GARS Meetings and Workshops are held in-person at the EAA 690 Hangar, 690 Airport Rd, Lawrenceville, GA 30046.

Meetings and Workshops are OPEN to all, feel free to share your invite with others.

GARS Meetings Schedule (second Tuesday @ 7:00 PM): (these are the presentations)

- September 12, 2023 – Favorite Websites
- October 10 2023 - Show-n-Tell, Favorite Ham Projects
- November 14, 2023 – **TBD**
- December – GARS Christmas Party

Workshop Schedule (third Tuesday @ 7:00 PM): (these are the Hand-on Workshops)

- September 19, 2023 - Favorite Websites
- October 17 2023 - Show-n-Tell, Favorite Ham Projects
- November 21, 2023 – **TBD**
- December – no workshop

GARS Meeting – September 12, 2023 Favorite Ham Radio and Related Websites and Apps

This has become an Annual GARS Event where members share their favorite ham radio related websites and apps.

GARS Workshop – September 19, 2023

For the Workshop we will go over any configuration need for the suggested websites and Apps... Examples would be how to sign up for Log Book of the World, or create your QRZ bio.

Besides answering any questions about your specific mobile radio installations, feel free to bring along your show-n-tell items and questions. We typically have 5 or more Elmers at each Workshop.

GARS would like to thank Alex Kowalchuk, AK4AM, for giving a tutorial about getting a radio into your vehicle, including antenna mounting ideas, radio mounting, radio power options, etc.



GARS Happenings

20 Years ago in the September 2003 GARzette:

- The GARS newsletter (GARzette) is not available for September 2003. However, all available GARzettes from 1994 can be found and browsed for your enjoyment.

You can always browse the GARzette archive at <http://www.gars.org/newsletters>. 73, Bob, K4CQO, GARzette Editor

Health and Wellbeing – Sandy Jackson, KJ4DRO

Look for this resource on [Email \(https://gars.org/contact/\)](https://gars.org/contact/) and use it as a means to convey information about a GARS family member or Silent Key notification.

Net Managers Corner

Monday Night 2 Meter “Want, Swap, Sell, and Information Net”

GARS NEEDS MEMBERS TO SERVE AS NET CONTROL STATIONS!

GARS is a great Amateur Radio service club with the membership and awards to prove it. Our club is very busy and active, and we use the Monday night net to get timely information out to our members. Weekly participation is needed to make our net function well. There is only a small group of very dedicated people who make the net happen each week, and we need more members to volunteer to serve as Net Control Stations (NCS) on a rotating basis.

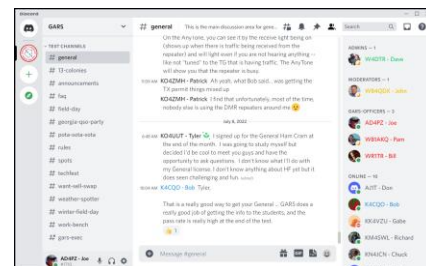
Out of almost 300 members, there are only seven operators who serve as the NCS for the GARS net every Monday night. In no particular order, they are:

Ray – N4GYN David – KA4KKF Kevin – W4KIB Fisher – W4LON Chuck – KK4TKJ

As GARS Net Manager (Chuck KK4TKJ), I would like to have more volunteers to fill NCS positions. I do plan and post the schedule months in advance. Any conditions will be accommodated that you as a rotating NCS need to place on the scheduling of your duties. If your plans change, I can make adjustments for the schedule to work, and I will make those changes happen as soon as I am notified of a problem. As Net Manager, I also send out reminders each week to let the NCS scheduled know he or she is NCS for the next Monday night net. In short, serving as a rotating NCS is a small duty but a great contribution to the club. The “Want, Swap, Sell Information Net” begins promptly at 19:30 every Monday night and runs about 30 minutes. As a scheduled NCS, you will request the assistance of a volunteer alternate NCS each time you have Net Control. Your simple duties will be to tune in to the GARS repeater, read the script, take a few notes and forward the information to me for record keeping.

Please lend a hand and contact (Chuck) via [Email \(https://gars.org/contact/\)](https://gars.org/contact/) to help support the effort that makes GARS the great club that it is. See you on the Nets!

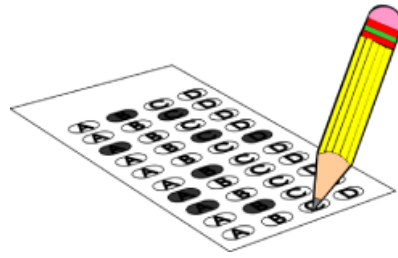
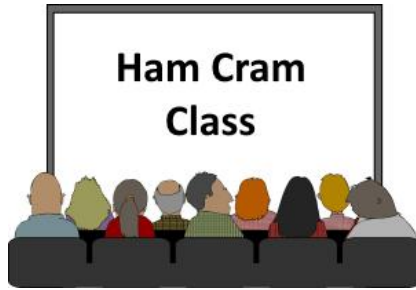
Don't forget about our Discord utility for GARS announcements, news, activity spotting and more. See <http://www.gars.org> top of the home page. This is a sample of Discord. →





GARS Technician License Ham Cram Class

GARS TECHNICIAN LICENSE HAM CRAM CLASS



WHEN: **September 30th 2023 and Sunday October 1st. 2023;** 8:00am to 4:00pm each day, exams start at 4:00pm Sunday (this is a CLOSED exam session, only open to registered students of the class).

WHERE: EAA 690 Hangar, Gwinnett County Airport – Briscoe Field, [690 Airport Rd, Lawrenceville, GA 30046](#)

MORE INFO: <http://gars.org>. Preregistration is REQUIRED. No Walk-ins accepted. This fee is non-refundable. Our \$25 fee covers the class and lunch both days, and the exam fee for the exam given Sunday at 4:00pm.

We will be using the [Ham Radio School Technician License Study Guide](#) for this class. Go to [our exam page for sample online tests towards the bottom](#).

QUESTIONS: Questions about the class or the exam session — [click here](#) to email the instructors.



Upcoming Stone Mountain Hamfest



STONE MOUNTAIN HAMFEST

and ARRL  State Convention

Please plan on attending on November 4 & 5, 2023

This is our 50th-year mark of holding this HamFest



GARS provides an integral part supporting this Hamfest. This year it is providing:

- 50% Better Forums
- 50% Better Workshops

Something New:

In years past we had a Skills Workshop for the ARES folks to work on their Taskbook... It's now a Build-A-Thon where folks can build an EFHW 40-10m antenna. Here is a link to the details about the kit and its cost. <https://stonemountainhamfest.com/index.php/build-a-thon/>

Only 60-Days until the HamFest, the Ticket Booth is open:

Show your support and get your tickets now. There is an Early-Bird prize for those buying Admission Tickets via the Ticket Booth. <https://stonemountainhamfest.com/index.php/ticket-booth/>

Ham Radio Exams:

Exams for all license tests are from 1:00 p.m. until 3:00 p.m. on Saturday and from 9:30 a.m. until 11:30 a.m. on Sunday. **There is no fee to take an exam**, the HamFest is covering the fee for all examinees. We do ask that you come prepared; bring a filled-out 605 form and your FCC Registration Number (FRN). It would also be a good idea to have taken and passed FREE practice exams.

<https://stonemountainhamfest.com/index.php/ve-testing/>

Lodging and Camping Info:

<https://stonemountainhamfest.com/index.php/lodging/>

<https://stonemountainhamfest.com/index.php/camping/>

Just a reminder to all, there is a link on the GARS homepage to help volunteer with the Nov HamFest. Here is a direct link to the signup sheet. It is a Multi-Tab sheet and on some pages/tabs, you need to scroll down to see everything.

https://docs.google.com/spreadsheets/d/1puFpxwJzAoM4ecba_buDpAuAbckR7GCFxGL7Yjv37xA/e/dit#gid=548602171

Novice License Radio Equipment

Vintage Amateur Radio

de Bill Shadid, W9MXQ



If you were licensed in the period beginning in 1951 up until 1974 and held a Novice License (in the United States) during that period, you are the subject of this article. In 1951, the Federal Communications Commission introduced three new licenses. Those included the Novice, Extra, and Technician Class. These new classes joined the existing Class A (name changed to Advanced), General, and Conditional Class licenses.

While much thought and preliminary work went into this change, we will not cover that process here. This article will focus on the Novice Class License and specifically the equipment used by holders of that unique license. And, that license class remains today with nearly 7,000 Novice license holders out of a total of nearly 780,000 licensees in the United States.

Up until the time of the new license classes, amateur operators in the United States could use crystal or VFO (Variable

Frequency Oscillator) control of their transmitters. This was their choice based on their perceived need for frequency accuracy and stability.

For the short-wave bands, Novice license holders were restricted to CW operation and were allowed an input power to the final amplifier of their transmitter of seventy-five watts¹. This was compared to 1,000 watts allowed to General, Advanced, and Extra class licensees of the time. Here is a complete listing of Novice Class Operating Privileges¹:

Mode: Telegraphy (CW)

- 80 Meters – 3700 to 3750 kHz (specified as “kc” back then) (“kc” = kilocycles)
- 40 Meters – 7150 to 7200 kHz
- 15 Meters – 21100 to 21250 kHz
- 2 Meters – 145.0 to 147.0 MHz (specified as “Mc” back then) (“Mc” = Megacycles)

Mode: Voice (AM)

- 2 Meters – 145.0 to 147.0 MHz

Note that on 2 Meters that CW and AM privileges were in the same range.

The Novice license required no prior experience in ham radio – and it had a hard and fast rule that the license was for one year and was not renewable. The non-renewable rule was hard and fast – there was no provision for letting it expire and then taking the exam and gaining the license again after a period of time. One and done!!

License call letters were, for the most part, predictors of the call letters of one’s post Novice future as a Technician, General, Advanced, or Amateur Extra license class. An example is my friend, Gary Drasch, K9DJT. When Gary was a Novice, he was KN9DJT, and he was reasonably certain that when he took his next class of license his call letters would simply drop the “N.” In case you have not guessed, the “N” stood for “Novice.” (See more about K9DJT in the station pictures at the end of this article.

The manufacturers stepped into the game of supplying this new class of amateur radio operator – the Novice – by marketing a wide variety of equipment that was suited to the operating legalities presented by the United States Federal Communications Commission (the FCC). Some suited only the operations of a Novice, but some also were of a higher order and would suit the amateur after he upgraded.



One such setup was from National Radio Institute, of Washington, DC, a supplier of mail order electronic educational programs – including a set of lessons on becoming a ham radio operator.

TWO NEW KITS FROM CONAR



Conar Model 500 Receiver (Left) and Model 400 Transmitter (Left)

Sold by National Radio Institute, Washington DC, in the 1960's

This advertisement, appearing in Electronics and Amateur Radio Specific magazines in the 1960's was a mainstay and something I memorized back in those days. The ad went on (from what is shown here) to describe the Model 500 Receiver as being available in kit form for \$37.50 and assembled for \$56.50. The model 400 Transmitter was available in kit form for \$32.50 and assembled for \$46.50. As an enticement, National Radio Institute offered a special \$64.00 package that included the Model 500 and 400 kits plus the ARRL Radio Amateur's Handbook, and the ARRL Radio Amateur's License Manual. These radios only operated on 80, 40, and 15 meters – totally in keeping with the Novice class license.

The Model 500 Receiver touted its ability to tune not only CW but also AM and SSB signals as well. The Model 400 Transmitter advertised sending CW (only) at a power input level of twenty-five watts. These little units (10.5" x 7.5" x 6.5") are still frequently seen at Hamfests to this day.

For a little more money, and certainly a little more style, and with the ability to send AM signals after upgrade was the Novice offering from the Heathkit, Benton Harbor, Michigan.



Heathkit HR-10 Receiver

Heathkit DX-60 Transmitter

Picture Reference from 1964: Note 1

These were kits only – who could forget Heathkit? The HR-10 Receiver sold for \$79.95 plus another \$8.95 for the HRA-10-1 Crystal Calibrator Kit. The DX-60 Transmitter also sold for \$79.95. But the radios both covered the HF bands of 80 through 10 meters. The transmitter had a setting for seventy-five watts input for the novice – but could attain ninety watts for more advanced licensees. The DX-60 Transmitter could also run sixty watts input on AM after the operator obtained his/her General Class license. And there was an accessory VFO kit for the DX-60, the Heathkit HG-10 for \$34.85 more that offered crystal free transmitter tuning for the General class licensee. The DX-60 was so popular that to this day there is an ongoing weekly “DX-60 AM Net” for these transmitters³.

Not to be outdone was the Hallicrafters Company, of Chicago. Those that know me know that easily Hallicrafters is my favorite vintage radio manufacturer. I love them all, but Hallicrafters always holds a special place for me.



Hallicrafters SX-140 Receiver

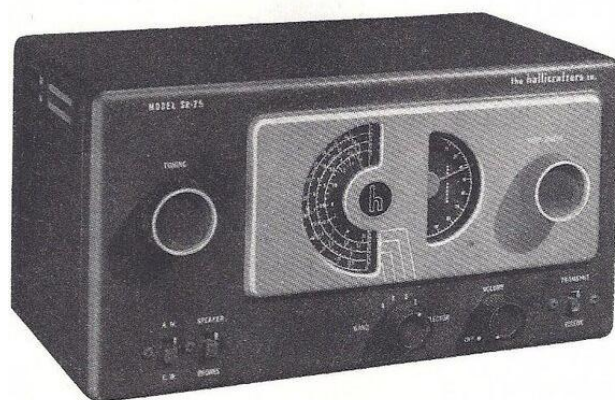


Hallicrafters HT-40 Transmitter

1961 Price Lists from the Hallicrafters Company

These radios were optionally offered as kits (Hallicrafters used the term, “Halli-Kits” for their kit products). Fully assembled and tested prices were \$109.95 for the SX-140 Receiver and \$99.95 for the HT-40 Transmitter. Hallicrafters also offered a VFO for use with the HT-40 after the operator obtained his/her General License. That was the HA-5 and is very popular to this day as one of the best examples of a stable running VFO on the market at the time.

Before the SX-140 and HT-40 pair, Hallicrafters had another contender in a low power adaptation of their very popular S-38 Series Receiver. Note here this ten-watt output (CW only) receiver/transmitter:



Hallicrafters SR-75 Receiver/Transmitter

RigPix Database

The SR-75 came out in 1960 or 1961 and was in production for a very short time. The Transmitter shared no circuitry with the Receiver, so it was not really a “Transceiver” in the way we describe that kind of product, today. The transmitter and its tuning were accessed from the rear panel. It was a single tube addition to the base S-38 receiver. It could be run in transmit on any of the 80 through 10-meter bands of the day. There was no provision for modulation.

Back in the 1960’s, it was not at all uncommon to have a receiver that was from one manufacturer and a transmitter from another. Also, at that time it was common to see a Novice (or other class) licensee using a commercial receiver but a home brew transmitter.

To the other players in this market, check below these popular transmitters and receivers of the time. These radios were not designed to necessarily operate with a matched unit from the same company.

First, let us look at several commercial transmitters that targeted the Novice licensee:



Ameco AC-1



Ameco TX-86



Globe Scout 680



Eico 720



Eico 723



Johnson Viking Adventurer



Johnson Viking Ranger



Knight-Kit T-50



Knight-Kit T-60

Many new Novice hams used a rather interesting series of products from Heathkit that amounted to early Receiver/Transmitter packages that progressively improved over time and model. Only one of these arrived during the time period of this article, however. That was the rather cult-like radio, the HW-16. Take a look at it here:



Heathkit HW-16 Receiver/Transmitter

Heathkit Product Catalog

The HW-16 was a kit built, mostly vacuum tube radio operating only on the Novice bands of 80, 40, and 15-meter bands. And, on those bands, the coverage was only on the lower 250 kHz. Too bad, too, because this radio was worthy of operating by all license classes with its excellent receiver and

transmitter performance.

Many companies made receivers dedicated to the Novice operator – more than the few shown in this article. Those will be covered in the next part of what will be a series on the Novice license and the equipment made in support of the licensees. Stay tuned for some future articles that cover experiences of owning only a couple of crystals and no way to move in the process of working other Novice operators who were blessed with the same transmitter frequency limitations as you. And, much more to come on the hardware. Before moving to a look at some Novice shack layouts, I think it might be important to look at a few crystals – the main stay of frequency control for the Novice operator:



**Typical Crystals used by Novice (and other) Class Licensees
(Note that these are not necessarily ham radio band crystals!)**

W9MXQ Photo

For now, we will look at some example Novice stations from people you may know, people I have known in ham radio over the years, and others who are readers of this column:



Novice Station KN9DJT, Gary Drasch, 1960 – Now K9DJT

See the Globe Chief Transmitter (CW only), the Hallicrafters SX-110 Receiver, the Hallicrafters R-48 Speaker and that Vibroplex “Bug” Key. Photo is from 1960, when Gary received his Novice License.

K9DJT



Novice Station KN9TRB, Paul Schumacher, 1958 – Now KD9FM

See the Heathkit AR-3 Receiver and E. F. Johnson Adventurer Transmitter (CW only). Also see the straight key with the shorting bar. Photo is from 1958, when Paul received his Novice License.

KD9FM



Novice Station WN9NZH, Don Zank – Now AA9WP

See the Heathkit HW-16 (CW only). Don added a Heath HG-10 VFO when he received his General License, N9FGS. Photo is from the time when Paul received his Novice License.

AA9WP



Novice Station WN9FRG, Gary Sutcliffe, in 1970 – Now W9XT

Drake 2-C Receiver and a Heathkit DX-60B Transmitter. These are internet file photos – no personal pictures could be found. But Gary's original Novice Drake 2-C Receiver is currently being brought back to life.

Internet – Photographer Unknown



Novice Station KN1OFU, Fred LeMere, in 1961 – Now KD9IGO

Hallicrafters S-38D Receiver and a Heathkit DX-20 Transmitter. These are internet file photos – no personal pictures could be found.

Internet – Photographer Unknown



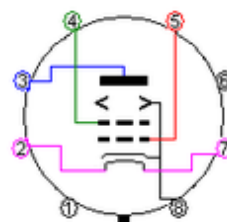
Novice Station WN9JIC, Pat Volkmann – Now W9JI

Heathkit HW-16 Transceiver. These is an internet file photo – no personal picture could be found.

Internet – Photographer Unknown



Single 6L6 Tube, Crystal Controlled CW Transmitter as noted below.



Novice Station WN9FIY, Bob Bailey, in 1970 – Now W9DYQ

Military Surplus BC-348-P Receiver and Home Brew 6L6 Transmitter. The 6L6 Transmitter was a modified circuit from the 1955 ARRL Radio Amateur's Handbook. Bob refurbished the receiver and built the transmitter for his Novice station.

W9DYQ Photo



Novice Station WN9BJU, Gary Frankeberger – Now WA9BJU

Hammarlund HQ-100 Receiver and a Heathkit DX-20 Transmitter. These are internet file photos – no personal pictures could be found.

Internet – Photographer Unknown



Novice Station WN9JIC, Mark Gilber, in 1966 – Now WBØIQK

Knight-Kit R-100A Receiver and Knight-Kit T-60 Transmitter (See the Crystal – plugged in, just below the meter on the T-60 Transmitter). These are internet file photos – no personal pictures could be found.

Internet – Photographer Unknown

Stay tuned to these pages for subsequent installments. This is an evolving story with many more equipment stories and hopefully more people we know who were involved in this first phase of the Novice License. Some stations shown in this article have further stories to document their Novice experience – W9JI (ex-WN9JIC) and W9DYQ (ex-WN9FIY) to name two. After that we move into the phase of Novice License that allowed 250 watts of RF power and VFO control of the transmitter. For many, the Novice license was a great adventure with training for radio technique not to have been imagined at the time. Those of us that bypassed the Novice license – I started with my General – can never really match what they learned.

A special thanks go to Bob, W9DYQ, for his proof reading. I appreciate that you read my articles. Remember that I am open to questions and comments at my email address, W9MXQ@TWC.com.

Notes:

¹ Reference is to the American Radio Relay League (ARRL) “*Radio Amateur’s License Manual*,” 1964 Edition.

² Reference <https://dx-60.net> – you do not need a Heathkit DX-60 Transmitter to check in, but AM is the preferred mode of operation.

© W9MXQ



GARS Membership

New Members in August

Austin Paszkowski (K4TDI)

New Members: 1

**Total Members as of
September 1, 2023
367**

Join GARS members for our:

- weekly lunch bunch at 11:30 AM most Fridays
- weekly breakfast gathering at 8:00 AM most Saturdays

Both weekly gatherings are held at The 5 Spot at:

The 5 Spot restaurant
[555 Progress Center Ave](#)
[Lawrenceville, GA 30043](#)

Birthdays in September

Karen Albritton (KI4HPP)
Mary Bachner (KE4MFZ)
Sherryl Bailey (N3MIU)
Larry Brinson (KO4IZU)
Jackson Britt (KM4PTV)
Richard Canova (KN4CGJ)
Lynn Crowley (KJ4RTE)
Ben Cullinan (KN4ZEX)
Michael Curd (KO4TN)
Pierre Decatrel (WB1EZK)
James Drumm (N2FOF)
Roger Gibson (WB4T)
John Harris (KC4JVJ)
Fred Hoefler (W3TLC)
Anita Jassen
Richard Kitz (KM4SWL)
Alex Kowalchuk (AK4AM)
Roinell Lewis (K4RNL)
Maria Lewis
Cal Ludwick (KM4VDA)
Charles McElhannon (KM4QVI)
Chris Ritchey (W4CJN)
Butch Seibert (N4EFX)
John Stockinger (KC4RFK)
Richard Waigand (K4KME)
Carter Wood (AG4LK)

GARS MEMBERSHIP

Your current GARS membership status is shown in the monthly newsletter e-mail towards the bottom of the message. To become a GARS member, or to renew your GARS membership, please visit our website – <http://www.gars.org>. To make changes to your GARS membership (moved, new e-mail address, new phone number, etc.), please contact the Membership Chair at [Email](mailto:membership@gars.org) (<https://gars.org/contact/>) with any changes to your Membership information.

Membership Chair: Karen Albritton, KI4HPP **Committee Members:** Dave Bruse, W4DTR

ARRL MEMBERSHIP

To update your ARRL membership information, please visit their website - <http://www.arrl.org>.

MAINTAIN YOUR LICENSE

You can update your Amateur Radio license information with the FCC at their website for free - <https://www.fcc.gov/wireless/universal-licensing-system>. License renewal is subject to the \$35 FCC fee.



Donating to GARS

Your GARS donation can be used for a certain purpose by donating to one of these funds:

- GARS SK Memorial Fund for Education
- (to remember and honor Silent Keys);
- GARS Scholarship Fund (Administered by the ARRL for awarding scholarships);
- GARS General Fund (any club purpose).

GARS has joined these rewards programs (a portion of every purchase you make through these merchants may be donated to GARS):

- Kroger Community Rewards program.

For more information on how to sign up for these rewards programs, or to donate to GARS, visit

<http://gars.org/gars/donations-to-the-club>

GARS on Social Media



Discord Request:

<http://gars.org/discord>



Groups.io:

<http://gars.org/groups.io>



Visit GARS on Facebook:

<http://gars.org/facebook>



Follow GARS on Twitter:

<http://gars.org/twitter>



Join GARS on YouTube:

<http://gars.org/youtube>

GARS Mail Address:

GARS
P.O. Box 492531
Lawrenceville, GA 30049

Officers



Joe Biddle, President AD4PZ



Alex Kowalchuk, Vice President AK4AM



Bill Hawkins, Secretary WR1TR



Pam Meridy, Treasurer WB1AKQ



Kevin Scott, Program Manager K4GTR

Managers and Committee Chairs



Karen Albritton, Membership Chair KI4HPP



Dave Bruse, VE Team Leader W4DTR



David Adcock, Webmaster, Field Day Chair, TechFest Chair KA4KKF



Ralph Pickwick, Education Chair KJ4CNC



Earl Whatley, Apparel Manager AF4FG



Bob Hoffmann, GARzette Editor K4CQO



Eddie Foust, Repeater Chair WD4JEM



Mike Weathers, WAS / DXCC QSL Card Checker and Historian ND4V



Chuck McCord, Net Manager KK4TKJ



Steve Back, Technical / RFI Advisor WB2OGY



Dallas Mellichamp, Workshop Leader N4DDM



Sandy Jackson, Health and Wellbeing KJ4DRO



Kevin Igarashi-Ball, Multimedia Chair W4KIB



Dallas Mellichamp, Georgia QSO Chair N4DDM

Open Winter Field Day Chair

Open Elmer Manager

Directors and Trustees



John Davis, WB4QDX



Rick Cobb, N4XYX



Kyle Albritton, W4KDA



Bill Cherepy, WB4WTN W4GR Trustee



GARS Meeting Minutes

Gwinnett Amateur Radio Society – MEETING 8/8/2023

There were 42 in-person attendees

President Joe Biddle (AD4PZ) opened the meeting at 7:00 p.m. and closed the meeting at approximately 9:00 p.m.

Honored Dave Adanich K8WDJ Silent Key 1946 -2023 with a moment of silence

New hams and visitors: Joe (AD4PZ)

- First time visitors and new hams recognized.

Treasurer Report: Joe (AD4PZ)

Education: Ralph (KJ4CNC)

- About 30 kids showed up for the McConnell Middle School open house.
- Technician Ham Cram is coming up September 30 – October 1

VE Team: Dave (W4DTR)

- The GARS team has switched to electronic exams. Everything from the 605 form to the license exam are online now.
- The exam session will be this Sunday the 13th.

Programs: Joe (AD4PZ)

- September – Favorite Websites
- October – Show-n-Tell, Favorite Ham Projects
- The list of programs is on the GARS.org web site.

Workshop: Dallas (N4DDM)

- Workshops mirror the monthly program.

Apparel: Earl (AF4FG)

- We have a number of items that were ordered and paid for that have not been picked up. If you have ordered an item or know someone who has, check out the items. The items are personalized.

Hamfest: David (KA4KKF)

- First weekend in November.
- We need help with setup and manpower to run it.
- Go to the Stonemountainhamfest.com page for tickets.
- There is a signup sheet on our site.
- Dallas is forum and workshop chair. He asked that if we have suggestions for presenters, let him know.
- Dave (W4DTR) noted that we will have a free test session at Hamfest.

Techfest:

- At county fairgrounds
- Saturday morning exam session will be free... paid for by GARS

Other: Joe (AD4PZ)

- GARS is looking for a trailer to store and carry field day and other remote equipment.
- Alex (AK4SM) is chair of the committee.
- Joe will post to a Groups/I/O folder the proposal PDF that details considerations of cost and other requirements.
- Jamboree on the Air will be the third weekend in October. The ARES trailer with HF stations will be set up. Anyone that wants to help can come.

GARS BYLAWS UPDATE: Joe (AD4PZ)

A proposed change in the GARS bylaws has been passed by the executive committee. It was read by the club secretary and is now presented for vote. A 2/3 majority is required to pass.

The proposal would remove from the bylaws:

A licensed radio amateur can become a lifetime member with a one time monetary payment of three hundred and fifty (\$350.00) dollars.

The proposal would add to the bylaws:

A licensed radio amateur can become a lifetime member with a one-time monetary payment.

Licensed radio amateurs who are 65 years of age or older, can make a one-time payment of one hundred and fifty (\$150.00) dollars. Proof of age required.

Licensed radio amateurs who are younger than 65 years of age, can make a one-time payment of three hundred and fifty (\$350.00) dollars.

The proposed changes were voted on and passed by a greater than 2/3 vote. The bylaw changes will be implemented

Program: Mobile installations Alex (AK4AM)

Minutes prepared by club secretary Bill Hawkins (WR1TR).

Workshop Minutes - August 15th, 2023

Number in Attendance: 23

Workshop Topic: Mobile Radio Installations

Presenter: Alex Kowalchuk AK4AM

Brief Summary: To date, this was one of our highest-attended Workshops of the year. Alex gave a brief review of his presentation and then most of us went outside to look at the various installations of radios and antennas.



Events – GARS and others

ARRL CONTESTING INFO

From ARRL Contest Calendar

> For more information click the links <

2023	January
1	Straight Key Night
7	Kid's Day
7-8	RTTY Roundup
21-23	January VHF Contest
	February
13-17	School Club Roundup
18-19	International DX – CW
	March
4-5	DX Contest -- SSB
	April
16	Rookie Roundup – Phone
	May
	No planned contests
	June
3-4	International Digital Contest
10-12	June VHF
17	Kid's Day
24-25	Field Day
	July
8-9	IARU HF World Championship
	August
5-6	222 MHz and Up Dis Contest
19-20	10 GHz & Up – Round 1
20	Rookie Roundup – RTTY
	EME - 2.3 GHz & Up
	September
9-11	September VHF
16-17	EME - 2.3 GHz & Up – Rnd 2
9-10	10 GHz & Up – Wknd 1
	October
29-29	EME - 50 to 1296 MHz
16-20	School Club Roundup
	EME - 50 to 1296 MHz
	November
4-6	Nov. Sweepstakes - CW
25-26	EME - 50 to 1296 MHz
18-20	Nov. Sweepstakes - Phone
	December
1-3	160 Meter
9-10	10 Meter
17	Rookie Roundup–CW

For more information:

<http://www.arrl.org/contest-calendar>

HAMFEST CALENDAR

[Please confirm the status of a Hamfest before making plans to attend]

10/13/2023 - 10/14/2023 [Melbourne Hamfest - ARRL Florida State Convention](#)

Location: Melbourne, FL

Type: ARRL Convention

Sponsor: Platinum Coast Amateur Radio Society

Website: <http://www.pcars.org/>

10/14/2023 - [Flamingo Net Flea at U. of Miami](#)

Location: Coral Gables, FL

Type: ARRL Hamfest

Sponsor: Flamingo Net ARC

Website: <http://www.FlammingoNet.8m.net>

10/14/2023 - [NOARC \(W4AAZ\) Annual Hamfest](#)

Location: Crestview, FL

Type: ARRL Hamfest

Sponsor: Live Oak Baptist Church, The City of Crestview Florida, Main Street Association Crestview

Website: <https://w4aaz.org/noarc-hamfest/>

10/21/2023 - [MARCIFEST 2023](#)

Location: Bradenton, FL

Type: ARRL Hamfest

Sponsor: Manatee Amateur Radio Club, Inc.

Website: <https://www.manatee-arc.org/>

10/28/2023 - [Wiregrass ARC - Fall Tailgate](#)

Location: Headland, AL

Type: ARRL Hamfest

Sponsor: Wiregrass ARC

Website: <http://w4dhn.org>

11/04/2023 - [Bahia Shriner's Tailgate](#)

Location: Apopka, FL

Type: ARRL Hamfest

Sponsor: Bahia Shrine Amateur Radio Unit

11/04/2023 - 11/05/2023 [Stone Mountain Hamfest](#)

Location: Lawrenceville, GA

Type: ARRL Convention

Sponsor: Alford Memorial Radio Club

Website: <http://stonemountainhamfest.com/>

11/11/2023 - [Montgomery ARC Hamfest](#)

Location: Montgomery, AL

Type: ARRL Hamfest

Sponsor: Montgomery, Alabama Amateur Radio Club

Website: <https://w4ap.org/marc/index.php/hamfest/hamfest-2023>

11/25/2023 - [Flamingo Net Flea at U. of Miami](#)

Location: Coral Gables, FL

Type: ARRL Hamfest

Sponsor: Flamingo Net ARC

Website: <http://FlamingoNet.8m.net>

12/02/2023 - [Silver Springs Radio Club 2023 Hamfest](#)

Location: Ocala, FL

Type: ARRL Hamfest

Sponsor: Silver Springs Radio Club

Website: <http://k4qso.us>

For more information: www.arrl.org/hamfests-and-conventions-calendar

When searching by division, remember some states adjacent to GA are in different divisions: Southeastern: GA, AL, FL Delta: TN Roanoke: NC, SC



GARS Events Calendar for 2023		GARS Recurring Calendar
TechFest Winter Field Day Spring Technician HamCram Dog Show Fundraiser Georgia QSO Party North metro area Fox Hunt Summer General HamCram Memorial Day Parade ARC/KARC Hamfest Field Day JOTA Fall Technician HamCram Stone Mt. Hamfest Holiday Party	January 14 2023 January 28-29 2023 March 25-26 2023 March 29-April 2 2023 April 8-9 2023 April 2023 April 29-30 2023 May 29 2023 June 3 2023 June 24-25 2023 October 2023 September 30- October 1 2023 November 4-5 2023 December 2 2023	<ul style="list-style-type: none"> 2nd Tuesday of the month at 7 pm (except December) Monthly Club Meeting 690 Airport Rd, Lawrenceville, GA 30046 3rd Tuesday of the month at 7 pm (except December) Monthly Workshop 690 Airport Rd, Lawrenceville, GA 30046 2nd Sunday of the Month at 2 pm GARS Ham Exam Session 690 Airport Rd Lawrenceville, GA 30046 Every Monday at 7:30 pm: GARS Want, Swap, Sell, and Information Net on the GARS 147.075 MHz repeater Every Monday at 8:30 pm: ARES Training on the GARS 147.075 MHz repeater Every Friday at 11:30 am, GARS Lunch at The 5 Spot Every Saturday at 8:00 am GARS Breakfast at The 5 Spot

GARS Calendar for September 2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 11:30 AM Lunch at The 5 Spot	2 8:00 AM Breakfast at The 5 Spot
3	4 7:30 – 8:00 PM GARS 2M Net	5 7:00 PM GARS Exec Meeting	6	7	8 11:30 AM Lunch at The 5 Spot	9 8:00 AM Breakfast at The 5 Spot
10 2:00 PM GARS Ham Radio Exams, EAA 690 Hangar	11 7:30 – 8:00 PM GARS 2M Net	12 7:00 PM GARS Meeting EAA 690 Hangar	13	14	15 11:30 AM Lunch at The 5 Spot	16 8:00 AM Breakfast at The 5 Spot
17	18 7:30 – 8:00 PM GARS 2M Net	19 7:00 PM GARS Workshop Meeting EAA 690 Hangar	20	21	22 11:30 AM Lunch at The 5 Spot	23 8:00 AM Breakfast at The 5 Spot
24	25 7:30 – 8:00 PM GARS 2M Net	26	27	28	29 11:30 AM Lunch at The 5 Spot	30 8:00 AM Breakfast at The 5 Spot Tech HamCram EAA 690 Hangar

Local Ham Radio Exams & Meetings

GARS Ham Radio Exams

Second Sunday of the month

Doors open at 1:45pm, exams start promptly by 2:00pm

For more information and to preregister, please visit <https://gars.org/exams/>

GARS VE-Team

VEC: W5YI-VEC

EAA 690 Hangar

690 Airport Rd

Lawrenceville, GA 30046

GARS VE Team Leaders

E-mail: exams@gars.org.



August 2023 Results

The GARS VE Team had a great exam session on 13 August.

4 New Technicians (if you hear them on the air – say “hello”):

- David Hartlein - KQ4KPO
- Harvey Hollander - KQ4KPP
- John N. Morgan – pending
- Tyler Sorenson - pending

Special thanks to the Volunteer Examiners who made this exam session possible:

W4DTR - DAVID BRUSE

AF4FG - EARL WHATLEY

KM4SWL - RICHARD KITZ

K4CQO - BOB HOFFMANN

WB2OGY - STEVE BACK

NV4Q - BILL CARMICHAEL

Thanks & 73, Chuck McCord, KK4TKJ (Co-CVE)

Local Ham Radio Exams

In order to find an exam session near you, please visit

http://www.arrl.org/exam_sessions/. Contact the information in the listing for further information.



Local Ham Radio Meetings

In order to find a local Ham Radio Club meeting near you, please visit

<http://www.arrl.org/find-a-club>. Contact the club for meeting information.





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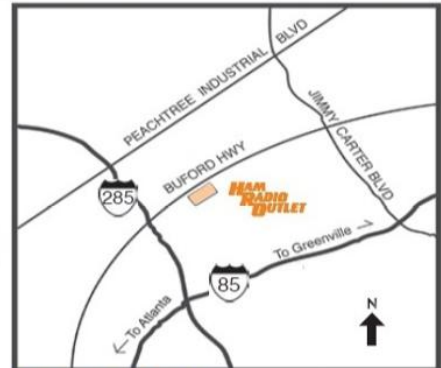


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